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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PPLICANTS:

Kullervo H. Hynynen

SERIAL NO:

10/612,555

FILED:

07/02/2003

FOR:

4,

HARMONIC MOTION IMAGING

EXAMINER:

Jaworski, Francis J.

ART UNIT:

3737

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION DATED SEPTEMBER 21, 2004

Sir:

In response to the Office Action dated September 21, 2004, please consider the enclosed remarks.

Amendments to the Specification begin on page 2 of this Response.

List of Claims begin on page 4 of this Response.

Remarks begin on page 8 of this Response.